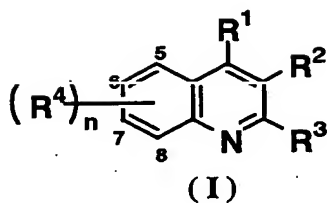


# Abstract



[wherein n represents an integer of from 1 to 4, R<sup>1</sup> represents substituted or unsubstituted lower alkyl, -C(=Y)R<sup>9</sup> or the like, R<sup>2</sup> represents a hydrogen atom, substituted or unsubstituted lower alkyl or the like, R<sup>3</sup> represents substituted or unsubstituted lower alkyl, substituted or unsubstituted aryl, a substituted or unsubstituted heterocyclic group or the like, and R<sup>4</sup> represents halogen or the like.]

A phosphodiesterase 10A inhibitor which comprises a quinoline derivative represented by the above formula (I) or a pharmaceutically acceptable salt thereof as an active ingredient is provided.